BRUHATH BANGALORE MAHANAGARA PALIKE

NAME OF WORK :- Construction of public toilet block near NH 1st main Kempegowda nagara Storm water drain in ward no. 15 T.Dasarahalli , zone.

Estimate cost : Rs 7.395 Lakhs

Sl. No.	Description of work	Mesurement No	L	B	D	Qty	Unit	Rate	Amount
1	KSRB-2-2.2: Earthwork excavation for foundation of buildings, water supply, sanitary, lines and electrical conduits either in pits or in trenches 1.5 m and above in width, in hard soil not exceeding 1.5m. in depth including dressing the bottom and and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. Specification No. KBS 2.1(b) 2.3.5 Page No. 5/ Item No. 2.4/ PWD SR 2015-16								
	Basic Rate	267	16.02	283.02					
	Sump	1	2.60	3.40	2.00	17.68			
	Foundation	1	28.00	0.90	0.90	22.68			
	Pipe Line	1	45.00	0.60	0.75	20.25			
	Sewer Line	1	45.00	0.60	0.75	20.25			
	Partition Wall	1	13.50	0.45	0.45	2.73			
						83.59	**cum**	**283.02**	**23,658**
2	KSRB 4-1.3: Providing and laying in position plain cement concrete of nominal mix 1:4:8 using 40mm and down size graded granite metal machine mixed, concrete laid in layers not exceeding 15cms thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS : 4.1, 4.2 Page No. 12/ Item No. 4.3/ PWD SR 2015-16								
	Basic Rate	4695	281.7	4976.7					
	Sump	1	2.60	3.40	0.15	1.33			
	Bed Concrete	1	28.00	0.90	0.15	3.78			
	Floor	1	7.75	3.75	0.15	4.36			
	Partition Wall	1	13.50	0.45	0.15	0.91			
						10.38	**cum**	**4976.70**	**51,641**
3	KSRB 5.2.3 Providing and constructing granite / trap / basalt size stone masonry in foundation in cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 Page No. 23/ Item No. 5.6/ PWD SR 2015-16								
	Basic Rate	3829	229.74	4058.74					
	SSM main wall	1	28.00	0.75	0.45	9.45			
	SSM partation wall	1	13.50	0.30	0.45	1.82			
						11.27	**cum**	**4058.74**	**45,752**

Sl. No.	Description of work	Mesurement				Qty	Unit	Rate	Amount
		No	L	B	D				
4	KSRB 5.3-3 Providing and constructing granite / trap / size stone masonry in foundation with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5-1.13 Page No. 23/ Item No. 5.9/ PWD SR 2015-16								
	Basic Rate	**4542**	**272.52**	**4814.52**					
	SSM main wall	1	28.00	0.45	0.45	5.67			
	SSM partation wall	1	13.50	0.45	0.45	2.73			
						8.40	**cum**	**4814.52**	**40,460**
5	KSRB 4-1.7: Providing and laying in position plain cement concrete of mix M10 with OPC cement @220kgs,with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed,concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2[P.No.13 - I. No.4.7]								
	Basic Rate	**5085**	**305.1**	**5390.1**					
	DPC main wall	1	28.00	0.45	0.10	1.26			
	DPC partation wall	1	13.50	0.45	0.10	0.61			
						1.87	**cum**	**5390.10**	**10,066**
6	KSRB 5-14 : Providing and constructing precast concrete solid blocks with compressive strength not les than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x15x20 cms. conforming to I.S. 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. Page No. 25/ Item No. 5.27/ PWD SR 2015-16								
	Basic Rate	**892**	**53.52**	**945.52**					
	Sump	1	12.00	2.00		24.00			
	Wall	1	28.00	3.00		84.00			
	Deduction For Doors	-2	1.20	2.00		-4.80			
	Ventilator	-11	0.75	0.45		-3.71			
	Lintel	-1	0.15	28.00		-4.20			
					Sub Total	**95.29**	**Sqm.**	**945.52**	**90,096**
7	KSRB 5-13: Providing and constructing non- load bearing wall with cement concrete cavities blocks (hollow blocks) of proportion 1:5:3 blocks of size 40x10x20cms. (Lxbxh) strength not less than 50kg. Per sqm with cement mortar 1:4 conforming to I.S.2185 of 1967 having not less than 40mm.shell thickness 50% of total volume of block having two large cavities with 20mm. Wall thickness in between including cost of materials, labour charges, scaffolding, curing complete as per specifications. Page No. 24/ Item No. 5.26/ PWD SR 2015-16								
	Basic Rate	**688**	**41.28**	**729.28**					
	Partition Wall	1	13.50		3.00	40.50			

Sl. No.	Description of work	Mesurement				Qty	Unit	Rate	Amount
		No	L	B	D				
	Deduction For Doors	-5	1.20	2.00		-12.00			
						28.50	**Sqm.**	**729.28**	**20,784**
8	KSRB 4.2.2.: Providing and laying in position reinforced cement concrete of mix M20 with OPC cement @320kgs,with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @ 0.459cum,with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008,machine mixed,concrete laid in layers not exceeding 15 cms. Thick vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, walls (any thickness) including attached plasters, columns , piers , abutments, pillars , posts, struts , buttresses, string or lacing courses , parapets , coping , bed blocks, anchor blocks, plain window cills , fillets etc., including cost of all materials, labour, HOM of machinery, curing , complete as per specifications No.KBS 4.1, 4.6[P.No.19-I.No.4.49.1] Page No. 12/ Item No. 4.6/ PWD SR 2015-16								
	Basic Rate	**5084**	**305.04**	**5389.04**					
		1	21.15	0.23	0.15	0.73			
	Basement	1	9.75	0.12	0.15	0.18			
						0.91	**cum**	**5389.04**	**4,878**
9	Providing and fixing door frame with or without ventilator made out of cold rolled steel section of thickness 1.25mm formed into section of 60mm x 105mm welded to form a rectangular door conforming to IS 513-1973 and phosphated and painted and wit hone coat of red oxide primer, two coat of approved enamel paints the frame work with 4nos of hold fast of size jelly and 4nos. of ISI marked hinges 125mm long welded to the frame and fixed with shutter made out of Honne wood styles and rails of 30mm thick with panels of 12mm thick 'Ecoboard' Plain Particle Board of exterior grade conforming to IS – 3087 excluding the cost of fixtures but including labour charges for fixing of fixtures. The hollow portion of the frame to be filed with c.c 1:2:4 o 20mm down size jelly. Page No. 38/ Item No. 7.23/ PWD SR 2015-16								
	Basic Rate	**2200**	**132**	**2332**					
	D	2	1.20		2.00	4.80			
	D1	5	1.20		2.00	12.00			
						16.80	**Sqm.**	**2332.00**	**39,177**
10	Providing and fixing cold rolled prepainted steel windows of IS standards, made out of 0.6mm thick deep drawing quality galvanished on both sides 120gms/sq.mtr. Primer coat upto 5 microns with thermosetting epoxy resin and finish painted with a polyester based paint 20 microns thick. The size of profiles is approximately 46x52mm for external frames, 46x46mm section for shutters, 46x70mm section for centre mullion/transom and 18x31mm section is for fixing glasses. The section shgould be cut to length joint mitred and assembling by means of corner brackets made out of cold rolled cold annealed stripes of 1.2mm thick duly galvanised and fixed with nickle plated self taping screws. The shutters are provided with approved quality of fixtures like handles made out of zamac alloy die cast and powder coated, receiver made out of glass filled nylon and hinges made out of CRCA powder coated. 4mm thick glass should be fixed with EPDM gaskets. The above frames are fixed to the concrete/masonry walls by means of self expanding screws. with 4mm float glass without guard bars Page No. 39/ Item No. 7.24.1/ PWD SR 2015-16								

Sl. No.	Description of work	Mesurement				Qty	Unit	Rate	Amount
		No	L	B	D				
	Basic Rate	**3520**	**211.2**	**3731.2**					
	Ventilator	11	0.75		0.45	3.71			
						3.71	**cum**	**3731.20**	**13,852**
11	KSRB 15.3.10 : Providing 20mm thick cement plaster in single coat with cement mortar 1:3, to stone masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Page No. 113/ Item No. 15.18 / PWD SR 2015-16								
	Basic Rate	**246**	**14.76**	**260.76**					
	Sump	1	10.40		2.00	20.80			
	Basement	1	28.00		0.50	14.00			
						34.80	**Sqm.**	**260.76**	**9,074**
12	KSRB 15.4.1 : Extra for providing and mixing water proofing compound in cement plaster work at one kg per bag or in the proportion recommended by the manufactures, for cement mortar 1:3, 12mm thick cost of materials complete as per specifications. Page No. 113/ Item No. 15.23 / PWD SR 2015-16								
	Basic Rate	**7**	**0.42**	**7.42**					
	Qty Same as in Item 11					34.80			
						34.80	**cum**	**7.42**	**258**
13	KSRB 15.3.6 : Providing 15mm thick cement plaster in single coat with cement mortar 1:6 to brick masonry including rounding off corners wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Page No. 112/ Item No. 15.14 / PWD SR 2015-16								
	Basic Rate	**159**	**9.54**	**168.54**					
	Outside & Inside	1	28.00		3.00	84.00			
	Inside	1	28.00		3.00	84.00			
	Partition Wall	2	13.50		3.00	81.00			
	Deduct Doors D	2	-1	1.20		2.00	-4.80		
	Deduct Doors D1	2	-5	1.20		2.00	-24.00		
	Ventilators	2	-11	0.75		2.00	-33.00		
						187.20	**Sqm.**	**168.54**	**31,550**
14	KSRB-2.5: Earthwork excavation (in deposited soil) and filling sides of foundation upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with all lead and lift including cost of all labour complete as per specifications. specification No. KBS 2.9.9/ 2.9.10.1 / 2.1.1 Page No. 6/ Item No. 2.12/ PWD SR 2015-16								
	Basic Rate	**239**	**14.34**	**253.34**					
	foundation plinth lvl	1	8.00	4.00	0.45	14.40			
						14.40	**cum**	**253.34**	**3,648**